



June 12, 2017

R11379-2.6

Attn: Compliance Tracker, AE-17J
Air Enforcement and Compliance Assurance Branch
U.S. Environmental Protection Agency - Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604

**Ambient Air Lead Monitoring Report
Sampling Period of April 16 through May 16, 2017
Behr Site - 1100 Seminary Street – Rockford, Illinois 61104
Site ID No.: 201030AYB**

To Whom This May Concern:

Introduction:

The Behr Site (Site) has implemented an ambient air monitoring program for lead and arsenic in accordance with USEPA Regions V's Request to Provide Information Pursuant to the Clean Air Act, dated May 5, 2015. An ambient air monitoring station has been installed in accordance with the approved *Ambient Air Lead Monitoring Station Siting Proposal* dated July 7, 2014. The site began operation on September 27, 2015. Station operating procedures, sample collection and handling procedures, and sample analytical methods and procedures have been performed in accordance with the revised *Quality Assurance Project Plan (QAPP)* dated January 31, 2017.

Beginning on September 27, 2015, a 24-hour TSP sample is collected every third day, as requested by USEPA. Sampling dates have been set to meet USEPA's schedule for ambient air lead sampling (i.e. every sixth day) as identified in Attachment A. Samples are held in sealed envelopes in a controlled area on site until a minimum of eleven samples have been collected. The samples are then sent to RTI International in Research Triangle Park, North Carolina for lead and arsenic analyses, in accordance with the methods identified in the QAPP. A summary of individual lead and arsenic measurements reported by RTI for all samples collected during this reporting period is presented in Appendix B.

The Site has also installed a meteorological station to simultaneously record barometric pressure, wind speed, and wind direction during *sample* collection periods. Met data for this reporting period is presented in Appendix C as 1-hour averages.

Summary of Ambient Air Monitoring Results for This Reporting Period:

A summary of the ambient air monitor measurements for sampling events performed on April 16 through May 16, 2017, is presented in Table 1 attached to this correspondence.

This table identifies the sampling date, sample duration, the 24-hour average temperature and barometric pressure data recorded by integrated sensors provided with the high volume sampler (used to adjust actual flow rate to standard conditions), average volumetric air sampling rate, total volume of air collected during each sampling event, as well as the analytical results for lead.

The total mass of lead on the filters (Column J) is divided by the total sample volume at standard conditions (Column H) to identify 24-hour average ambient air lead concentration in Column K.

The monthly mean is reported in Column L. The 3-month mean ambient lead concentration is presented in Column M and is reported as the average of the three most recent monthly means rounded to two significant digits for comparison to rolling 3-month average NAAQS lead standard. The analytical report from RTI International, (subcontracted for filter analyses), is presented in Appendix B.

The attached table also reports the daily average wind direction and daily average wind speed for each sampling day (Columns N and O respectively). The meteorological data for this reporting period is presented in Appendix C, which also includes an aerial photo of the facility identifying the location of the ambient air monitor with respect to the lead material processing building (Dock 25) and the three point sources of lead emissions.

The Site has retained RK & Associates to assist with submitting monthly lead monitoring reports. If you have any questions, or require any additional information please do not hesitate to contact John Pinion at 630-393-9000 (jpinion@rka-inc.com).

Yours very truly,
RK & Associates, Inc.



John G. Pinion
Associate Engineer

cc: Ms. Sarah Schlichtholz – Director, Environmental and Community Affairs – Alter Treading Inc. – St. Louis, MO
Mr. Patrick Kohlmeier – Environmental Engineer – Behr Site – Rockford, IL
Mr. Eric Boyd – Thompson Colburn – Chicago, IL

Table 1. Summary of Ambient Air Lead Monitoring Results April 16 through May 16, 2017

The Behr Site - Rockford, Illinois

Wind direction data includes adjustment from Oct. 2016 Met Sta Performance Audit

USEPA Lead Sample Day (Y)	Day of Week	Sample Collection Date	Sample Duration (days) (hrs)	Avg. Temp °C	Avg. Bar. Pres. mmHg	Sample Rate / Volume		Sampler Data Flags	Lead ^a ug/filter	Ambient Lead Concentration ^c			Facility Met Data	
						Average Rate scfm	Total std m ³			Daily Average ug/m ³	Monthly Average ug/m ³	3-Month Rolling Average ^b ug/m ³	Daily Avg Wind Direction Degrees	Daily Avg Wind Speed mph
	Fri	02/03/17	24:00	-2.30	751	32.50	1,325.85		44.70	0.034 l	Results are not included in monthly or 3-month averages.		303°	2.50
Y	Mon	02/06/17	24:00	14.70						l			138°	2.14
	Fri	02/10/17	24:00	3.00	734	44.20	1,802.31		167.00	0.093 m	0.046	0.03	309°	1.92
Y	Sun	02/12/17	24:00	2.20	747	44.90	1,831.34		117.86	0.064			304°	3.61
	Wed	02/15/17	24:00	1.80	738	44.80	1,828.70		73.84	0.040			323°	3.10
Y	Sat	02/18/17	24:00	12.2	736.00	43.30	1,764.90		55.24	0.031			250°	0.13
	Tue	02/21/17	24:00	15.1	737.00	43.20	1,762.21		25.29	0.014			225°	0.31
Y	Fri	02/24/17	24:00	1.0	730.00	44.00	1,794.72		20.67	0.012			11°	1.30
	Mon	02/27/17	24:00	10.0	739.00	43.60	1,779.18		119.41	0.067			137°	2.36
Y	Thu	03/02/17	24:00	1.10	754.00	45.50	1,855.12		188.47	0.052 n	0.139	0.07	310°	3.02
	Sun	03/05/17	24:00	12.10	740.00	43.50	1,775.41			0.052 n			138°	5.07
Y	Wed	03/08/17	24:00	6.40	742.00	44.40	1,811.32		43.09	0.024			282°	4.89
	Sat	03/11/17	4:28	-0.90	752.00	45.60	347.50		87.63	0.252 o			341°	1.99
Y	Tue	03/14/17	24:00	-2.60	748.00	45.40	1,853.22		22.01	0.012			338°	2.45
	Fri	03/17/17	24:00	4.20	745.00	44.60	1,817.46		593.30	0.326			178°	0.80
Y	Mon	03/20/17	24:00	12.20	741.00	43.90	1,789.51		231.67	0.129			119°	1.44
	Thu	03/23/17	24:00	8.20	742.00	43.90	1,791.21		964.55	0.272 p	131°	5.03		
Y	Sun	03/26/17	24:00	13.10	737.00	43.10	1,758.82			0.272 p	134°	0.89		
	Wed	03/29/17	24:00	7.00	741.00	44.50	1,816.55		201.28	0.111	133°	3.02		
Y	Sat	04/01/17	24:00	13.20	745.00	43.80	1,784.16		39.22	0.022	0.187	0.12	323°	0.30
	Tue	04/04/17	24:00	11.60	736.00	43.70	1,783.51		169.04	0.095			328°	1.40
Y	Fri	04/07/17	24:00	11.20	742.00	43.70	1,781.72		62.26	0.035			336°	1.61
	Mon	04/10/17	24:00	15.60	738.00	43.50	1,774.45		123.55	0.070			137°	1.61
Y	Thu	04/13/17	24:00	12.60	746.00	44.00	1,794.72		862.90	0.481			127°	4.04
	Sun	04/16/17	24:00	17.50	741.00	43.40	1,767.74		43.48	0.025			295°	1.94
Y	Wed	04/19/17	24:00	14.50	739.00	43.80	1,785.38		478.72	0.268			125°	1.91
	Sat	04/22/17	24:00	14.00	744.00	43.90	1,788.97		156.49	0.087	96°	0.73		
Y	Tue	04/25/17	24:00	22.30	727.00	42.10	1,715.69		1,309.02	0.763	135°	4.25		
	Fri	04/28/17	24:00	11.00	739.00	43.60	1,779.52		49.57	0.028	322°	0.66		
Y	Mon	05/01/17	24:00	9.10	726.00	43.20	1,761.48		20.42	0.012	0.138	0.012	148°	1.18
	Thu	05/04/17	24:00	14.20	738.00	43.40	1,771.50		244.61	0.138			43°	0.77
Y	Sun	05/07/17	24:00	13.60	741.00	43.70	1,780.48		22.21	0.012			1°	0.25
	Wed	05/10/17	24:00	16.70	738.00	43.10	1,756.72		105.62	0.060			119°	1.31
Y	Sat	05/13/17	24:00	23.10	736.00	42.40	1,730.58		65.66	0.038			270°	0.55
	Tue	05/16/17	24:00	26.80	732.00	41.70	1,700.54		108.55	0.064			140°	3.55

- l. Brushes on electric motor failed on February 3, 2017, prior to completion of the 24 hour sampling period resulting in a total sample air volume of approximately 75% of typical. The motor repairs were completed on February 7, 2017, which resulted in missing the scheduled February 6, 2017 sample. The reported ambient air Pb concentration reported for February 3, 2017, is not included in the February
- m. Due to a programming error, the sampler did not operate on the February 9, 2017. A manually initiated sample was collected February 10, 2017, to replace the missed sample from the previous day.
- n. The filter from the March 2, 2017, sampling event was inadvertently left on the sampler for the March 5, 2017, sampling event resulting in 48-hours of sampling time on a single filter. The corresponding ambient air Pb concentration for this filter was calculated using the total combined volume of air sampled on March 2nd and March 5th. The resulting single ambient air Pb concentration was reported
- o. The sampler failed after four hours of operation on March 11th limiting the total volume of ambient air sampled to less than 20% of the typical volume sampled during a normal 24-hour period. The reported concentration is not a valid result and is not included in the reported monthly average.
- p. The filter from the March 23, 2017, sampling event was inadvertently left on the sampler for the March 26, 2017, sampling event resulting in 48-hours of sampling time on a single filter. The corresponding ambient air Pb concentration for this filter was calculated using the total combined volume of air sampled on March 23rd and March 26th. The resulting single ambient air Pb concentration was reported as the daily average for both March 23 and March 26, 2017.



**Ambient Air Lead Monitoring Report
Behr Site**

**1100 SEMINARY STREET
ROCKFORD, ILLINOIS
SITE ID NO.: 201030AYB**

Report Date: June 12, 2017

APPENDIX A

USEPA Schedule of Lead Sampling Days for 2017



**Ambient Air Lead Monitoring Report
Behr Site**

**1100 SEMINARY STREET
ROCKFORD, ILLINOIS
SITE ID NO.: 201030AYB**

Report Date: June 12, 2017

APPENDIX B

**RTI International Analytical Results
April 16 through May 16, 2017**

June 9, 2017

Andrew Setter
Behr Iron & Metal
1100 Seminary Street
Rockford, IL 61104

Dear Mr. Setter:

RTI International analyzed the TSP filter samples you provided in accordance with 40 CFR Part 50, Appendix G. The results are summarized below in Table 1.

Table 1. TSP Filter Results		
µg/Filter		
Filter ID	Date Collected	Lead
9329302	5/16/2017	109
9329303	5/13/2017	65.7
9329304	5/10/2017	106
9329305	5/7/2017	22.2
9329306	5/4/2017	245
9329307	5/1/2017	20.4
9329308	4/28/2017	49.6
9329309	4/25/2017	1309
9329310	4/22/2017	156
9329311	4/19/2017	479
9329312	4/16/2017	43.5

Please refer to the attached spreadsheets “Behr Set 17 Data” and “2017 Pb TSP Audit Filters Q2” for quality control information. The remaining filter sections will be archived for two years. Please call me at 919-541-8762 or email me at fxw@rti.org if you have any questions.

Sincerely,

Frank Weber

Frank Weber
Laboratory Manager

cc: Project file 0212431.002.053
Lisa Bailey, RTI/ORC

2017 Pb TSP Audit Filter Results - Q1 2017

TSP strips							TEFLON						
	Date	µg/L	final vol (L)	µg/strip	% Recovery	Actual		Date	µg/L	final vol (L)	µg/strip	% Recovery	Actual
BAT-TSP-2017-01-345	1/20/2017	390.64	0.040	15.63	101	15.4	BAT-TEF-2015-01-003	1/20/2017	54.02	0.050	2.70	102	2.65
BAT-TSP-2017-02-320	1/20/2017	1629.82	0.040	65.19	98	66.7	BAT-TEF-2015-01-075	1/20/2017	48.91	0.050	2.45	92	2.65
BAT-346	2/21/2017	376	0.040	15.03	98	15.4	N/A						
BAT-325	2/21/2017	1564	0.040	62.56	94	66.7	N/A						
BAT-TSP-2017-01-347	3/29/2017	347.5427	0.040	13.90	90	15.4	BAT-TEF-2015-01-074	3/29/2017	58.73	0.050	2.94	111	2.65
BAT-TSP-2017-02-314	3/29/2017	1489.66	0.040	59.59	89	66.7	BAT-TEF-2015-01-002	3/29/2017	58.44	0.050	2.92	110	2.65

2017 Pb TSP Audit Filter Results - Q2 2017

				TSP strips		
	Date	µg/L	final vol (L)	µg/strip	% Recovery	Actual
BAT-TSP-2017-01-348	5/23/2017	360.41	0.040	14.42	94	15.4
BAT-TSP-2017-02-315	5/23/2017	1482.856	0.040	59.31	89	66.7
BAT-TSP-2017-01-349	5/23/2017	331.071	0.040	13.24	86	15.4
BAT-TSP-2017-02-316	5/23/2017	1542.772	0.040	61.71	93	66.7
BAT-TSP 2017-01-353	6/1/2017	377.1021163	0.040	15.08	98	15.4
BAT-TSP 2017-02-317	6/1/2017	1602.605103	0.040	64.10	96	66.7



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**1100 SEMINARY STREET
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APPENDIX C

**Meteorological Station Data – Hourly Averages
April 16 through May 16, 2017**



Ambient Monitor Location with Respect to Site Emission Points and Site Boundaries

**Summary of Hourly Meteorological Data for Ambient Sampling
Ambient Air Sampling Days - April 16 through May 16, 2017
Behr Iron & Metal an Alter Company - Rockford, Illinois**

Date	Hour	Average Barometric Pressure mmHg	Average Temp °F	Hourly Average Wind Speed mph	Hourly Average Wind Direction Deg	Average Daily Wind Direction Deg	Average Daily Wind Speed mph
04/16/17	1	758	59.7	1.61	132°	295°	1.94
	2	759	59.6	1.35	133°		
	3	758	59.9	2.33	140°		
	4	758	59.8	2.18	145°		
	5	758	60.0	3.36	136°		
	6	759	60.4	2.38	126°		
	7	759	60.9	2.38	278°		
	8	760	61.2	3.33	282°		
	9	760	61.5	4.43	287°		
	10	761	62.1	3.33	303°		
	11	761	65.8	3.45	319°		
	12	762	67.4	3.88	316°		
	13	762	68.9	3.80	299°		
	14	762	69.1	5.84	284°		
	15	762	70.6	4.53	295°		
	16	762	72.1	4.50	301°		
	17	763	71.5	5.29	304°		
	18	763	69.8	4.09	315°		
	19	763	67.8	3.93	307°		
	20	763	64.1	3.14	299°		
	21	764	60.7	2.36	304°		
	22	765	58.4	1.08	295°		
	23	765	56.7	0.56	303°		
	24	765	55.3	0.45	337°		
04/19/17	1	761	67.8	0.64	184°	125°	1.91
	2	761	66.7	0.76	249°		
	3	761	65.0	0.37	269°		
	4	761	63.7	0.16	165°		
	5	761	62.5	1.36	288°		
	6	762	62.3	1.34	309°		
	7	762	62.3	1.33	326°		
	8	762	61.7	1.10	335°		
	9	763	62.9	0.70	336°		
	10	763	63.1	1.33	346°		
	11	764	61.7	0.85	349°		
	12	764	59.4	0.79	359°		
	13	763	60.9	0.90	69°		
	14	763	62.0	0.69	69°		
	15	763	62.6	1.91	118°		
	16	763	63.2	2.77	128°		
	17	763	61.4	5.03	132°		
	18	764	55.8	6.54	129°		
	19	764	52.9	5.42	134°		
	20	764	51.9	6.27	132°		
	21	763	50.5	7.25	127°		
	22	762	49.5	6.26	127°		
	23	761	48.9	6.21	124°		
	24	761	48.9	5.36	123°		

**Summary of Hourly Meteorological Data for Ambient Sampling
Ambient Air Sampling Days - April 16 through May 16, 2017
Behr Iron & Metal an Alter Company - Rockford, Illinois**

Date	Hour	Average Barometric Pressure mmHg	Average Temp °F	Hourly Average Wind Speed mph	Hourly Average Wind Direction Deg	Average Daily Wind Direction Deg	Average Daily Wind Speed mph
04/22/17	1	767	47.6	1.54	128°	96°	0.73
	2	767	46.1	0.87	8°		
	3	766	44.7	1.27	9°		
	4	766	43.1	1.19	349°		
	5	766	41.6	0.67	1°		
	6	767	40.9	0.81	360°		
	7	767	40.1	0.69	333°		
	8	768	41.5	1.20	350°		
	9	768	45.6	1.20	359°		
	10	768	51.2	0.77	101°		
	11	768	54.9	0.98	68°		
	12	768	57.9	1.98	115°		
	13	768	60.4	2.03	117°		
	14	767	63.1	1.14	97°		
	15	767	64.0	1.81	117°		
	16	766	65.0	2.28	127°		
	17	766	66.0	1.03	86°		
	18	766	65.2	1.67	114°		
	19	766	64.4	2.25	129°		
	20	766	61.3	3.22	129°		
	21	766	57.9	0.89	134°		
	22	766	52.9	0.23	260°		
	23	766	50.1	0.11	289°		
	24	766	48.0	0.20	262°		
04/25/17	1	755	60.5	3.91	128°	135°	4.25
	2	755	59.3	2.68	133°		
	3	755	58.5	2.79	140°		
	4	755	57.7	3.29	135°		
	5	754	56.1	2.95	135°		
	6	754	55.5	3.28	133°		
	7	754	55.0	3.40	134°		
	8	754	57.5	3.11	133°		
	9	754	62.6	4.00	144°		
	10	754	66.9	3.99	146°		
	11	754	70.3	5.56	142°		
	12	753	73.3	5.19	147°		
	13	753	74.6	5.41	143°		
	14	752	75.0	4.39	146°		
	15	752	75.3	5.38	125°		
	16	751	77.8	6.70	129°		
	17	750	78.6	6.59	131°		
	18	750	78.9	5.45	134°		
	19	750	78.4	4.36	135°		
	20	750	76.8	4.17	129°		
	21	750	74.8	3.82	131°		
	22	751	72.8	4.01	128°		
	23	750	70.9	3.81	130°		
	24	750	69.9	4.31	133°		

**Summary of Hourly Meteorological Data for Ambient Sampling
Ambient Air Sampling Days - April 16 through May 16, 2017
Behr Iron & Metal an Alter Company - Rockford, Illinois**

Date	Hour	Average Barometric Pressure mmHg	Average Temp °F	Hourly Average Wind Speed mph	Hourly Average Wind Direction Deg	Average Daily Wind Direction Deg	Average Daily Wind Speed mph
04/28/17	1	759	41.7	2.31	282°	322°	0.66
	2	759	40.5	2.22	285°		
	3	759	39.9	1.87	276°		
	4	759	39.8	1.54	285°		
	5	759	39.1	1.18	291°		
	6	759	38.4	0.87	282°		
	7	760	38.4	0.32	215°		
	8	761	39.8	0.91	293°		
	9	761	43.2	0.21	319°		
	10	761	46.7	0.72	320°		
	11	761	47.8	0.47	50°		
	12	761	50.3	0.53	341°		
	13	761	51.4	1.69	139°		
	14	760	50.5	1.82	132°		
	15	760	50.0	0.95	16°		
	16	759	51.2	0.66	34°		
	17	759	52.1	0.66	37°		
	18	759	50.8	0.81	340°		
	19	759	50.1	0.98	339°		
	20	760	49.9	1.54	329°		
	21	761	48.1	1.61	354°		
	22	761	47.7	1.38	345°		
	23	762	47.6	1.56	354°		
	24	763	46.5	1.63	358°		
05/01/17	1	750	45.2	0.48	105°	148°	1.18
	2	749	45.6	0.77	93°		
	3	748	45.7	1.35	136°		
	4	747	45.3	2.23	126°		
	5	748	44.9	1.17	147°		
	6	748	45.9	1.00	139°		
	7	748	47.3	2.47	139°		
	8	748	48.4	2.58	144°		
	9	748	51.6	3.70	128°		
	10	747	51.7	3.99	134°		
	11	747	50.9	4.48	135°		
	12	747	49.0	2.43	129°		
	13	747	51.3	3.97	134°		
	14	747	48.8	3.36	130°		
	15	747	50.5	4.53	133°		
	16	747	52.9	4.06	126°		
	17	747	51.8	1.78	122°		
	18	747	49.6	1.91	94°		
	19	748	47.8	3.83	288°		
	20	749	46.8	3.92	281°		
	21	749	45.5	2.74	284°		
	22	749	44.1	3.00	286°		
	23	749	44.2	2.66	291°		
	24	749	43.3	4.07	284°		

**Summary of Hourly Meteorological Data for Ambient Sampling
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Behr Iron & Metal an Alter Company - Rockford, Illinois**

Date	Hour	Average Barometric Pressure mmHg	Average Temp °F	Hourly Average Wind Speed mph	Hourly Average Wind Direction Deg	Average Daily Wind Direction Deg	Average Daily Wind Speed mph
05/04/17	1	765	45.7	0.12	344°	43°	0.77
	2	765	43.7	0.36	310°		
	3	764	42.7	0.33	344°		
	4	763	42.5	0.52	349°		
	5	763	41.8	0.54	345°		
	6	763	41.0	0.63	343°		
	7	763	41.5	0.82	337°		
	8	763	43.1	0.78	340°		
	9	763	46.7	1.44	358°		
	10	762	52.1	1.12	43°		
	11	762	54.8	2.15	24°		
	12	762	58.5	2.06	27°		
	13	762	60.0	1.72	47°		
	14	761	61.3	1.43	46°		
	15	760	62.9	1.74	65°		
	16	760	63.9	2.44	1°		
	17	760	64.7	1.54	98°		
	18	760	64.1	1.95	105°		
	19	760	63.1	1.57	102°		
	20	760	60.0	2.68	127°		
	21	761	56.6	1.25	135°		
	22	760	54.1	0.53	344°		
	23	760	52.3	0.58	344°		
	24	760	50.6	0.86	1°		
05/07/17	1	761	46.2	2.39	134°	1°	0.25
	2	761	44.5	2.07	131°		
	3	762	43.3	1.34	129°		
	4	762	41.9	0.14	92°		
	5	762	39.7	0.51	266°		
	6	763	38.1	0.68	258°		
	7	763	38.2	0.22	348°		
	8	764	41.8	0.59	347°		
	9	764	48.4	0.92	338°		
	10	764	52.9	1.41	337°		
	11	764	55.0	1.80	316°		
	12	764	57.7	1.93	312°		
	13	763	59.9	1.57	328°		
	14	763	61.5	2.07	332°		
	15	763	62.3	1.92	321°		
	16	763	63.4	2.09	328°		
	17	762	64.5	1.64	321°		
	18	762	64.9	1.50	314°		
	19	762	64.9	1.24	320°		
	20	762	61.3	0.71	323°		
	21	762	58.3	0.10	3°		
	22	763	51.9	4.22	122°		
	23	763	49.3	3.14	124°		
	24	764	47.1	2.58	134°		

**Summary of Hourly Meteorological Data for Ambient Sampling
Ambient Air Sampling Days - April 16 through May 16, 2017
Behr Iron & Metal an Alter Company - Rockford, Illinois**

Date	Hour	Average Barometric Pressure mmHg	Average Temp °F	Hourly Average Wind Speed mph	Hourly Average Wind Direction Deg	Average Daily Wind Direction Deg	Average Daily Wind Speed mph
05/10/17	1	761	54.5	0.93	132°	119°	1.31
	2	761	53.5	0.78	137°		
	3	761	52.7	1.90	130°		
	4	761	51.5	1.41	136°		
	5	761	50.1	1.22	126°		
	6	761	49.2	0.49	126°		
	7	762	49.4	1.14	130°		
	8	762	51.7	1.98	131°		
	9	761	55.6	1.79	132°		
	10	762	59.7	2.21	124°		
	11	761	64.0	2.89	124°		
	12	761	67.0	2.63	131°		
	13	761	65.5	2.84	139°		
	14	760	63.6	3.27	130°		
	15	760	63.6	3.58	137°		
	16	759	61.7	1.41	130°		
	17	759	60.2	0.90	15°		
	18	759	58.7	0.57	55°		
	19	759	57.7	1.43	117°		
	20	759	56.2	2.00	124°		
	21	759	55.4	1.05	22°		
	22	759	55.2	1.88	9°		
	23	760	54.8	1.29	9°		
	24	760	54.5	1.26	8°		
05/13/17	1	761	56.1	0.80	154°	270°	0.55
	2	760	54.3	0.90	148°		
	3	760	52.8	0.71	156°		
	4	760	51.5	0.39	162°		
	5	760	51.7	0.49	149°		
	6	761	52.6	1.06	139°		
	7	761	53.5	1.70	144°		
	8	761	56.0	1.95	145°		
	9	760	60.7	2.83	129°		
	10	760	65.0	2.58	118°		
	11	759	67.0	1.75	129°		
	12	759	71.7	2.87	287°		
	13	759	76.3	4.53	281°		
	14	758	79.2	4.78	281°		
	15	758	81.6	3.13	299°		
	16	758	82.8	2.82	309°		
	17	757	83.5	2.37	310°		
	18	757	83.0	2.61	307°		
	19	757	83.1	1.93	314°		
	20	757	79.4	0.91	319°		
	21	757	73.1	0.10	253°		
	22	757	67.7	0.12	189°		
	23	758	66.6	0.31	269°		
	24	758	65.0	0.31	239°		

**Summary of Hourly Meteorological Data for Ambient Sampling
Ambient Air Sampling Days - April 16 through May 16, 2017
Behr Iron & Metal an Alter Company - Rockford, Illinois**

Date	Hour	Average Barometric Pressure mmHg	Average Temp °F	Hourly Average Wind Speed mph	Hourly Average Wind Direction Deg	Average Daily Wind Direction Deg	Average Daily Wind Speed mph
05/16/17	1	757	65.4	2.60	145°	140°	3.55
	2	757	64.5	1.64	148°		
	3	757	64.1	1.39	145°		
	4	758	63.6	0.98	140°		
	5	757	63.6	1.67	144°		
	6	757	63.9	1.30	138°		
	7	757	64.2	0.99	137°		
	8	757	67.8	1.32	133°		
	9	757	71.0	2.31	144°		
	10	757	74.8	3.42	139°		
	11	757	79.1	3.76	134°		
	12	756	82.0	4.73	140°		
	13	756	84.6	5.98	143°		
	14	755	85.6	6.48	143°		
	15	755	85.8	6.51	145°		
	16	755	86.7	5.88	139°		
	17	754	87.1	5.27	128°		
	18	754	86.3	5.24	133°		
	19	754	85.2	5.41	133°		
	20	754	83.4	4.81	138°		
	21	754	81.0	4.30	140°		
	22	754	78.2	3.43	147°		
	23	754	75.6	3.14	150°		
	24	754	74.5	3.09	145°		